JAN 0 7 2005
PATENT & TRADEMARK OFFICE

FIG. 1

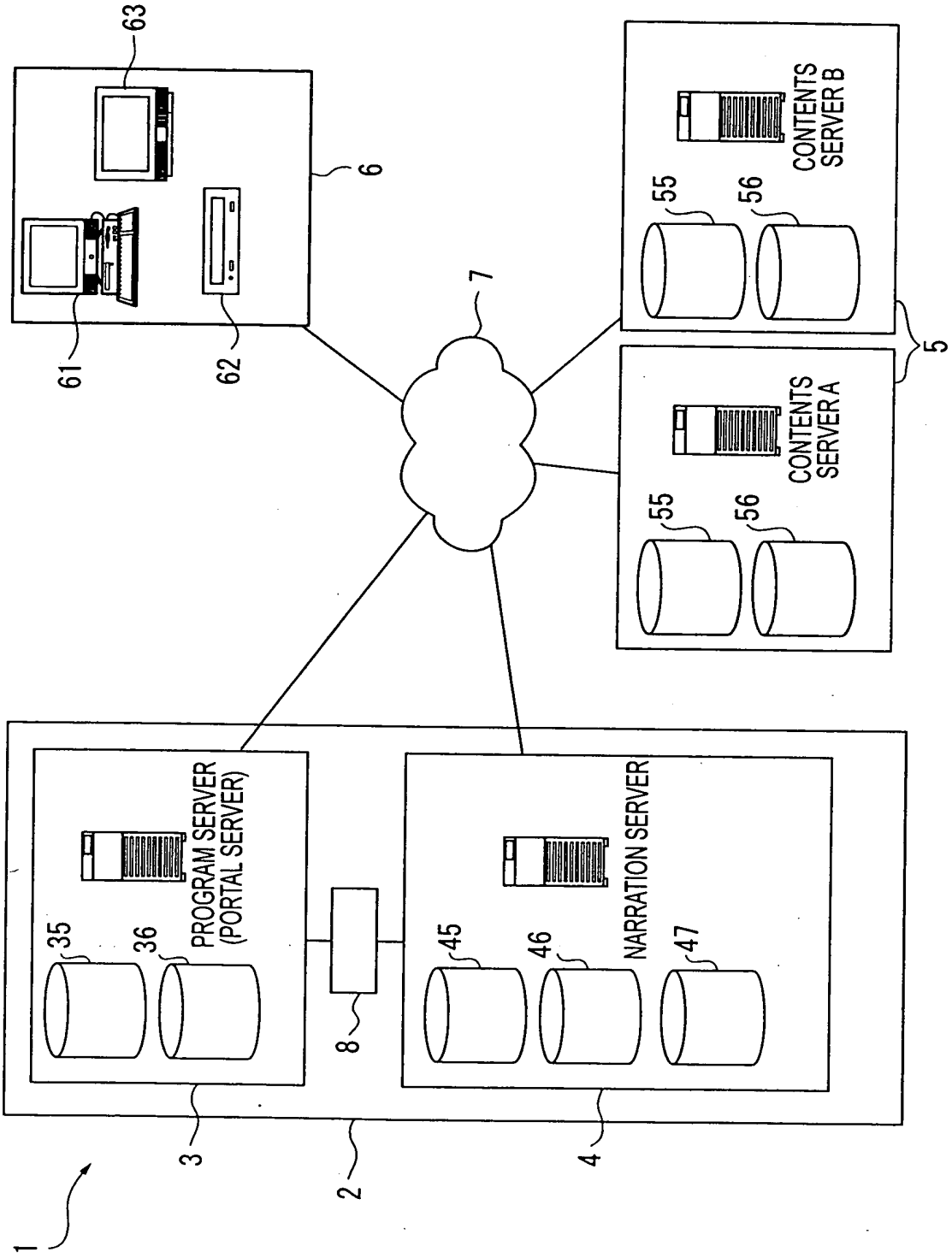

FIG. 2

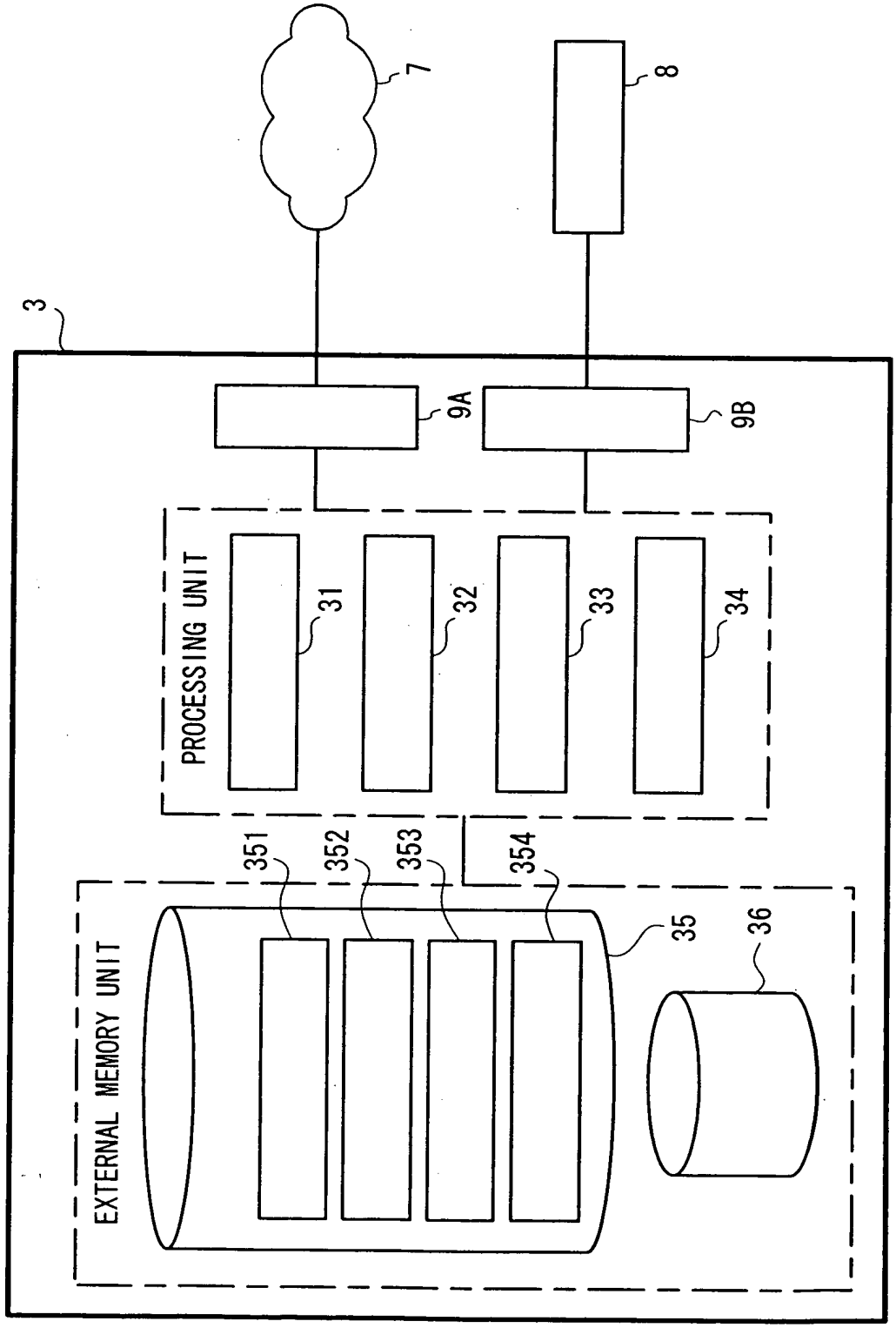
7
8
3
9A
9B
PROCESSING UNIT
31
32
33
34
351
352
353
354
35
36
EXTERNAL MEMORY UNIT

FIG. 7

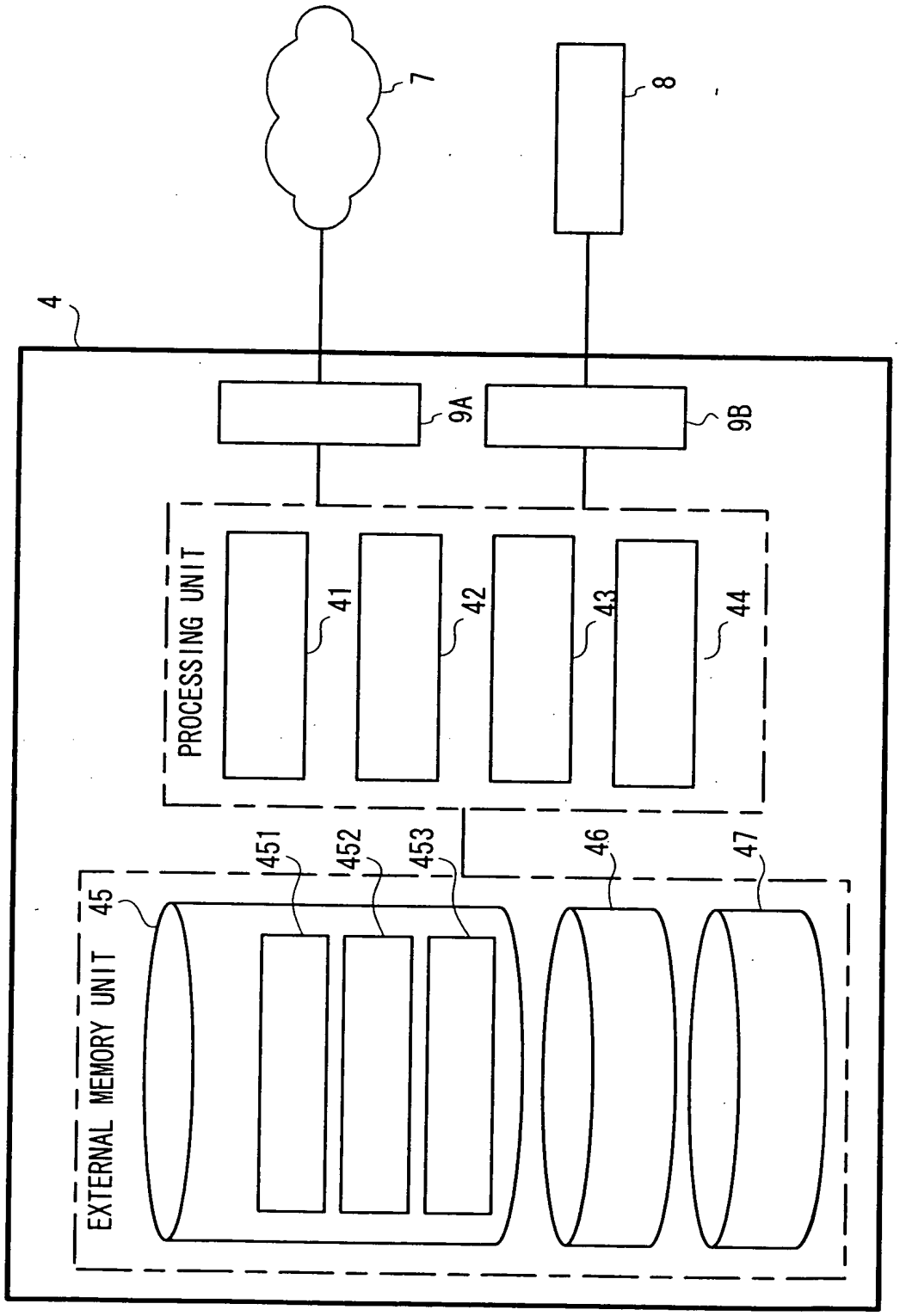
7
8
4
9A
9B
PROCESSING UNIT
41
42
43
44
451
452
453
46
47
45
EXTERNAL MEMORY UNIT

FIG. 11

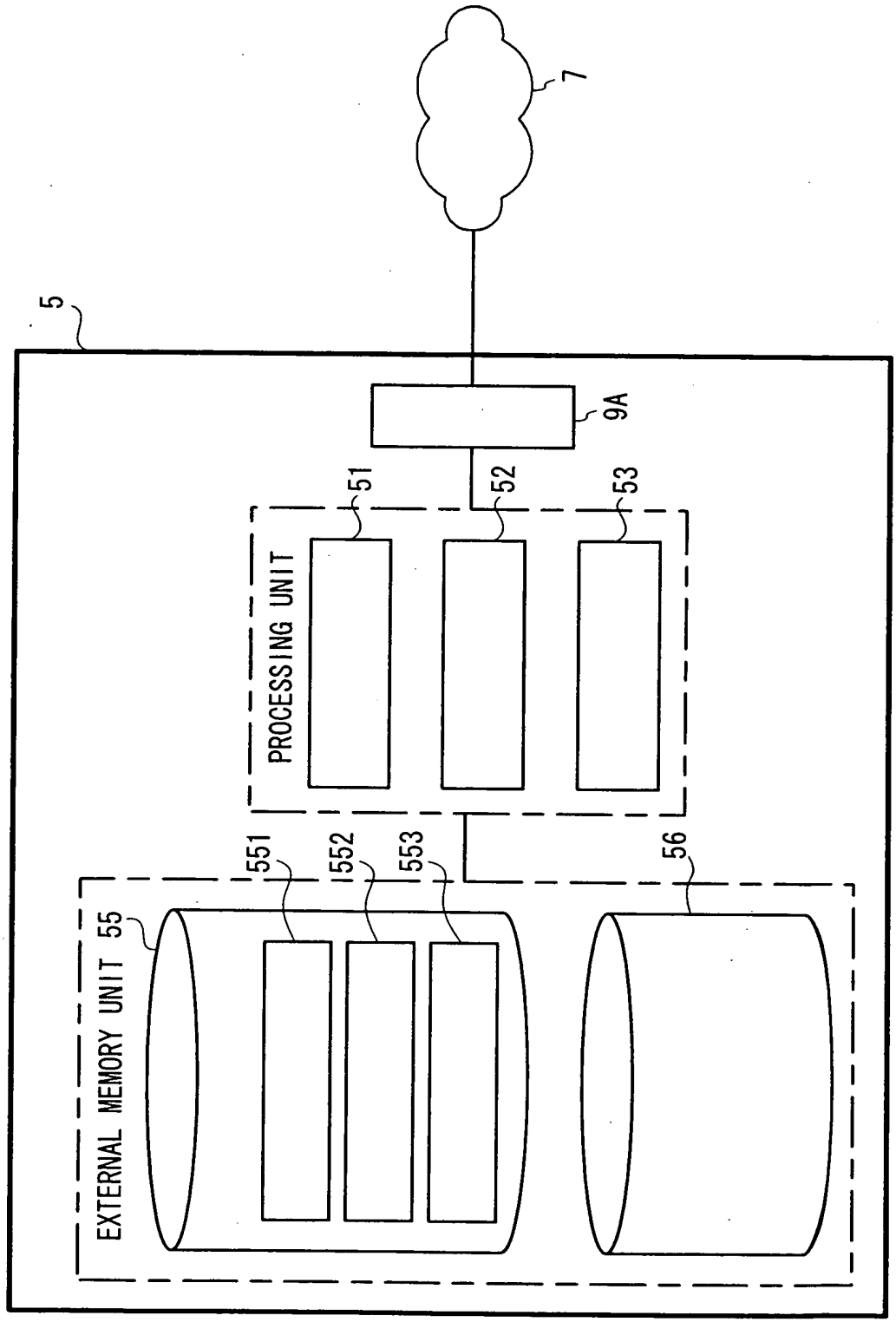
7
5
9A
51
52
53
PROCESSING UNIT
551
552
553
56
EXTERNAL MEMORY UNIT 55

FIG. 17

```
<?xml version ="1.0" encoding = "Shift - JIS"?>

<program request>
        <equipment No.>76543210</equipment No.>
        <date>2001/06/01</date>
        <time>20:30:00</time>
        <location type="own home"></location>
        <contents>
                <genre>new music</genre>
                <age>early 1970s</age>
                <sort>sold copies of record</sort>
                <No. of tunes>30</No. of tunes>
        </contents>
</program request>
```

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FIG. 18

```
<?xml version ="1.0" encoding = "Shift - JIS"?>

<retrieval request>
        <query>
                <country>Japan</country>
                <genre>new music</genre>
                <age>early 1970s</age>
                <sort>sold copies of record</sort>
        </query>
</retrieval request>
```

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FIG. 19

```
<?xml version ="1.0" encoding = "Shift - JIS"?>
<results of retrieval, hit = "85">
    <contents information no="1">
        <ID center control No.>1101000000000101</ID center control No.>
        <title>AAZZ</title>
        <artist>○○××</artist>
        <duration>3'37"</duration>
        <release date>1973/04/20</release date>
        <sold copies of record>500,000</sold copies of record>
        <abstract>Third single of ○○×× who made a great hit in 1973.
        Vocal is △△□ having a sweet voice. Dramatic tune development.
        Arrangement is very impressive.
        </abstract>
        <URL>rtsp://xxx.yyy.zzz/dirl/00000101.mp3</URL>
    </contents information>

                    . . .

    <contents information no="30">
        <ID center control No.>1101000000039801</ID center control No.>
        <title>CCDDD</title>
        <artist>△△××</artist>
        <duration>3'03"</duration>
        <release date>1971/01/20</release date>
        <sold copies of record>380,000</sold copies of record>
        <abstract>Received record Grand Prix of the year. A film with the
        same title was produced in 1973 by ○○Movie who made a great hit in 1973.
        </abstract>
        <URL>rtsp://xxx.yyy.zzz/dirl/00039801.mp3</URL>
    </contents information>

                    . . .

    <contents information no="85">
        <ID center control No.>1101000000004138</ID center control No.>
        <title>EEFGG</title>
        <artist>□□××</artist>
        <duration>2'39"</duration>
        <release date>1973/03/20</release date>
        <sold copies of record>360,000</sold copies of record>
        <abstract>First single of □□×× who made a great hit from start.
        At that time, □□×× acted as curtain raiser of ○△× and △×○○
        played as back band. They were members of a very popular sound group.
        </abstract>
        <URL>rtsp://xxx.yyy.zzz/dirl/00004138.mp3</URL>
    </contents information>
</results of retrieval>
```

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FIG. 20

```
<?xml version ="1.0" encoding = "Shift - JIS"?>

<narration request>
        <purpose>program prologue</purpose>
        <client information>
                <name>Hanazono</name>
                 <sex>male</sex>
                 <age>35</age>
                 <address>Tokorozawa City, Saitama Prefecture</address>
                 <date>2001/06/01</date>
                 <time>20:30:00</time>
                 <location type = "own home"> </location>
        <client information>
        <program information type = "music ranking">
                <ranking>sold copies of record</ranking>
                <country>Japan</country>
                <genre>new music</genre>
                <age>early 1970s</age>
                <No. of tunes>30</No. of tunes>
        </program information>
        <additional information>
                <society dete = "1970/03/14">Osaka Int'l Exhibition</society>
                <economy dete = "1971/08/16"> dollar shock </economy>
                <society dete = "1972/02/03">Sapporo Olympic Games
                </society>
                <incident dete = "1972/02/19">Asama Mountain Resort
                Outrage</incident>
                <politics dete = "1972/05/15">Return of Okinawa</politics>
                <politics dete = "1972/09/29">Recovery of Diplomatic
                Relations of Japan and China</politics>
                <economy dete = "1973/10/06">first oil shock</economy>
        </additional information>
</narration request>
```

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FIG. 21

```
<?xml version ="1.0" encoding = "Shift - JIS"?>

<narration request>
        <purpose> contents description </purpose>
        <contents information type = "music ranking">
                <ranking>sold copies of record</ranking>
                <country>Japan</country>
                <genre>new music</genre>
                <age>early 1970s</age>
                <rating>1</rating>
                <title>AAZZ</title>
                <artist>○○××</artist>
                <release date>1973/04/20</release date>
                <sold copies of record>500,000</sold copies of record>
                <abstract>Third single of ○○××who made a great hit in
                1973. Vocal is △△□ having a sweet voice. Dramatic tune
                development. Arrangement is very impressive.
                </abstract>
        </contents information>
</narration request>
```

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FIG. 22

```
<?xml version ="1.0" encoding = "Shift - JIS"?>

<narration reception>
        <reception No.>00031549</reception No.>
        <necessary time period>00:00:20</necessary time period>
        <duration>00:00:35</duration>
        <server>narration server</server>
        <URL>rtsp://aaa.bbb.ccc/temp/narration30.mp3</URL>
</narration reception>
```

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FIG. 23

```
<?xml version ="1.0" encoding = "Shift - JIS"?>

<narration template type = "music contents description">
        <sentence type = "prologue">
                <clause type = "prologue"  permission = "phrase"> </clause>
        </sentence>
        <sentence type = "music introduction">
                <clause imm = "This tune is">parts/ this_tune_is.wav</clause>
                <clause type = "country"  permission = "word"> </clause>
                <clause type = "genre"  permission = "word"> </clause>
                <clause type = "age"  permission = "word"> </clause>
                <clause type = "ranking"  permission = "word"> </clause>
                <clause type = "rating"  permission = "word"> </clause>
                <clause type = "tune title" </clause>
        </sentence>
        <sentence type = "music description">
                <clause imm = "This tune by">parts/this_tune_by.wav.</clause>
                <clause type = "artist"  permission = "word"> </clause>
                <clause imm = "was released on">parts/ was_released_on.wav. </clause>
                <clause type = "expresstion of year"  permission = "word"> </clause>
                <clause type = "expression of month"  permission = "word"> </clause>
                <clause type = "expression of day"  permission = "word"> </clause>
                <clause imm = "sold up to"> parts/ sold_up_to.wav </clause>
                <clause type = "expression of sales"  permission = "word" </clause>
                <clause type = " tune description"  permission = "phrase"> </clause>
        </sentence>
        <sentence type = "epilogue"
                <clause type = "epilogue"  permission = "phrase"> </clause>
        </sentence>
</narration template>
```

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FIG. 24

```
<?xml version ="1.0" encoding = "Shift - JIS"?>
<program>
        <title>new music in early 1970s  record sales best 30</title>
        <production date>2001/06/01</production date>
        <production hours>20:30:10</production hours>
        <contents information>
                <title>BGM1</title>
                <artist/>
                <to be connected to>program server</to be connected to>
                <URL>rtsp://ppp.qqq.rrr/temp/content/bgm01.mp3</URL>
        </contents information>
        <contents information>
                <title>program prologue</title>
                <artist/>
                <to be connected to>narration server</to be connected to>
                <URL>rtsp://aaa.bbb.ccc/temp/prologue.mp3</URL>
        </contents information>
        <contents information>
                <title>narration 1</title>
                <artist/>
                <to be connected to>narration server</to be connected to>
                <URL>rtsp://aaa.bbb.ccc/temp/narration01.mp3</URL>
        </contents information>
        <contents information>
                <title>CCDDD</title>
                <artist>ΔΔXX</artist>
                <to be connected to>contents server A</to be connected to>
                <URL>rtsp://xxx.yyy.zzz/dir1/title00013037.mp3</URL>
        </contents information>
                        . . .
        <contents information>
                <title>narration 30</title>
                <artist/>
                <to be connected to>narration server</to be connected to>
                 <URL>rtsp://aaa.bbb.ccc/temp/narration30.mp3</URL>
        </contents information>
        <contents information>
                <title>AAZZ</title>
                <artist>OOXX</artist>
                <to be connected to>contents server A</to be connected to>
                <URL>rtsp://xxx.yyy.zzz/dir1/title00000101.mp3</URL>
        </contents information>
        <contents information>
                <title>program epilogue</title>
                <artist/>
                <to be connected to>narration server</to be connected to>
                <URL>rtsp://aaa.bbb.ccc/temp/epilogue.mp3</URL>
        </contents information>
</program>
```

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